

CLAIMS

WHAT IS CLAIMED:

1. A system, comprising:

means for detecting a device being inserted into the system;

means for blocking delivery of an electrical signal to the inserted device for a first preselected duration of time.

2. The system of claim 1, wherein the means for blocking further comprises means for preventing delivery of electrical power to the inserted device for a first preselected duration of time.

3. The system of claim 2, wherein the means for blocking further comprises means for passing at least a portion of the electrical power to the inserted device after the first preselected duration of time.

4. The system of claim 2, wherein the means for blocking further comprises means for progressively increasing the level of current delivered to the inserted device after the first preselected duration of time.

5. The system of claim 1, wherein the means for blocking further comprises means for blocking a first electrical signal from being delivered to a first portion of the inserted device for a first preselected duration of time, and for blocking a second electrical signal from being delivered to a second portion of the inserted device for a second

preselected duration of time, wherein the first preselected duration of time is greater than the second preselected duration of time.

6. The system of claim 1, wherein the means for blocking further comprises means for blocking electrical power from being delivered to a first portion of the inserted device for a first preselected duration of time, and for blocking electrical power from being delivered to a second portion of the inserted device for a second preselected duration of time, wherein the first preselected duration of time is greater than the second preselected duration of time.

7. A method, comprising:
detecting a device being inserted in a system; and
blocking delivery of an electrical signal to the inserted device for a first preselected duration of time.

8. The method of claim 7, wherein blocking delivery of an electrical signal further comprises preventing delivery of electrical power to the inserted device for a first preselected duration of time.

9. The method of claim 8, wherein blocking delivery of an electrical signal further comprises passing at least a portion of the electrical power to the inserted device after the first preselected duration of time.

10. The method of claim 8, wherein blocking delivery of an electrical signal further comprises progressively increasing the level of current delivered to the inserted device after the first preselected duration of time.

5 11. The method of claim 7, wherein blocking delivery of an electrical signal further comprises blocking a first electrical signal from being delivered to a first portion of the inserted device for a first preselected duration of time, and for blocking a second electrical signal from being delivered to a second portion of the inserted device for a second preselected duration of time, wherein the first preselected duration of time is greater than the
10 second preselected duration of time.

12. The method of claim 7, wherein blocking delivery of an electrical signal further comprises blocking electrical power from being delivered to a first portion of the inserted device for a first preselected duration of time, and blocking electrical power from
15 being delivered to a second portion of the inserted device for a second preselected duration of time, wherein the first preselected duration of time is greater than the second preselected duration of time.

13. A system, comprising:

20 a sensor adapted to detect a device being inserted into the system;

a controller adapted to block delivery of an electrical signal to the inserted device for a first preselected duration of time.

14. The system of claim 13, wherein the controller blocks delivery of electrical power to the inserted device for a first preselected duration of time.

15. The system of claim 14, wherein the controller passes at least a portion of the electrical power to the inserted device after the first preselected duration of time.

16. The system of claim 14, wherein the controller progressively increases the level of current delivered to the inserted device after the first preselected duration of time.

17. The system of claim 13, wherein the controller blocks a first electrical signal from being delivered to a first portion of the inserted device for a first preselected duration of time, and for blocking a second electrical signal from being delivered to a second portion of the inserted device for a second preselected duration of time, wherein the first preselected duration of time is greater than the second preselected duration of time.

18. The system of claim 13, wherein the controller blocks electrical power from being delivered to a first portion of the inserted device for a first preselected duration of time, and blocks electrical power from being delivered to a second portion of the inserted device for a second preselected duration of time, wherein the first preselected duration of time is greater than the second preselected duration of time.

19. An apparatus, comprising:
a printed circuit board;

a sensing circuit adapted to detect a device being electrically coupled to the printed circuit board and provide a first signal indicative thereof;

a controller associated with the printed circuit board, the controller being adapted to receive the first signal and block delivery of electrical power to the device for a first preselected duration of time.

20. A system, comprising:

a sensor adapted to detect a hot swappable device being inserted into the system;

a controller adapted to block delivery of system voltage to the hot swappable device for a first preselected duration of time.

21. An apparatus, comprising:

a printed circuit board having a connector adapted to receive a device therein;

a sensing circuit adapted to detect the device being coupled to the connector and provide a first signal indicative thereof;

a controller associated with the printed circuit board, the controller being adapted to deliver electrical power to the connector a preselected duration of time after receiving the signal from the sensing circuit.